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Amendments to the Claims:

CLAIMS

1. (Original) An in-vivo sensing device comprising:
a first part having a first specific gravity; and
a second part having a second specific gravity, wherein the first part and the second part are detachable.
2. (Original) The in-vivo sensing device according to claim 1 wherein the first specific gravity is greater than the second specific gravity.
3. (Original) The in-vivo sensing device according to claim 1 wherein the second specific gravity is less than the specific gravity of a bodily fluid within a body lumen.
4. (Original) The in-vivo sensing device according to claim 1 comprising an imager and an illumination source.
5. (Cancelled)
6. (Original) The in-vivo sensing device according to claim 1 comprising a filament to temporarily attach the first part to the second part.
7. (Cancelled)
8. (Cancelled)
9. (Original) The in-vivo sensing device according to claim 1 comprising a magnet, to temporarily attach the first part and the second part by an electromagnetic force.
10. (Cancelled)
11. (Cancelled)

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12. (Cancelled)

13. (Original) The in-vivo device according to claim 1 wherein the first part is configured to detach in-vivo.

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)

17. (Currently Amended) The method according to claim [[16]] 38 wherein the device is weighted such that it favors a certain orientation.

18. (Currently Amended) The method according to claim [[15]] 38, wherein ~~comprising attaching the floatable first part is attached to the non-floatable second part by an~~ electromagnetic force.

19. (Original) The method according to claim 18 comprising changing the direction of the electromagnetic force.

20. (Cancelled)

21. (Currently Amended) The method according to claim [[15]] 38 comprising activating a component in the ~~non-floatable second~~ part.

22. (Currently Amended) The method according to claim [[15]] 38 wherein the component is comprises an imager.

23. (Cancelled)

24. (Cancelled)

25. (Currently Amended) The method according to claim [[24]] 38 wherein the ~~floatable first~~ part and the ~~non-floatable second~~ part are attached with a filament.

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26. (Cancelled)
27. (Cancelled)
28. (Cancelled)
29. (Cancelled)
30. (Currently Amended) The method according to claim ~~[[24]]~~ 38 wherein the detaching is initiated by a signal external to the in-vivo sensing device.
31. (Currently Amended) A system for in-vivo sensing comprising:
an in-vivo sensing device comprising:
a first part having a first specific gravity;
a second part having a second specific gravity, wherein the first specific gravity is different from the second specific gravity and the first part and the second part are temporarily attached in-vivo attached by a releasable fastener; and
an external receiver to receive wireless signals from the in-vivo device.
32. (Original) The system according to claim 31 comprising an in-vivo imager.
33. (Cancelled)
34. (Original) The system according to claim 31 comprising an external transmitter for transmitting signals to the in-vivo device.
35. (Cancelled)
36. (Cancelled)
37. (Original) The system according to claim 31 comprising a display to display sensed data from the in-vivo sensing device.

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38. (New) A method for in-vivo sensing comprising:

detaching a first part of an in-vivo device located in an in-vivo body lumen
from a second part of the in-vivo device, wherein the first part is floatable in the
gastrointestinal tract and the second part is not floatable in the gastrointestinal tract; and
activating a component in the first part.

39. (New) The method of claim 38 comprising:

sensing a parameter; and
detaching the first part from the second part in response to sensing the
parameter.